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Clustering hypertext with applications to web searching



Dharmendra S. Modha, W. Scott Spangler

May 2000 Proceedings of the eleventh ACM on Hypertext and hypermedia

Publisher: ACM Press

Full text available: 🔂 pdf(300.31 KB) Additional Information: full citation, references, citings, index terms

Keywords: cluster annotation, feature combination, high-dimensional data, hyperlinks, sparse data, toric k-means algorithm, vector space model

2 Enhanced hypertext categorization using hyperlinks



Soumen Chakrabarti, Byron Dom, Piotr Indyk

June 1998 ACM SIGMOD Record, Proceedings of the 1998 ACM SIGMOD international conference on Management of data SIGMOD '98, Volume 27 Issue 2

Publisher: ACM Press

Full text available: pdf(1.91 MB)

Additional Information: full citation, abstract, references, citings, index terms

A major challenge in indexing unstructured hypertext databases is to automatically extract meta-data that enables structured search using topic taxonomies, circumvents keyword ambiguity, and improves the quality of search and profile-based routing and filtering. Therefore, an accurate classifier is an essential component of a hypertext database. Hyperlinks pose new problems not addressed in the extensive text classification literature. Links clearly contain high-quality semantic clues that ...

3 Organizing topic-specific web information



Sougata Mukherjea

May 2000 Proceedings of the eleventh ACM on Hypertext and hypermedia

Publisher: ACM Press

Full text available: pdf(183.02 KB) Additional Information: full citation, references, citings, index terms

Keywords: World-Wide Web, abstraction hierarchy, graph algorithms, information visualization, topic management

4 HieNet: a user-centered approach for automatic link generation Daniel T. Chang December 1993 Proceedings of the fifth ACM conference on Hypertext Publisher: ACM Press Full text available: pdf(1.14 MB) Additional Information: full citation, references, citings, index terms **Keywords**: SGML, link apprentice, link generation, links, vector space model 5 Silk from a sow's ear: extracting usable structures from the Web Peter Pirolli, James Pitkow, Ramana Rao April 1996 Proceedings of the SIGCHI conference on Human factors in computing systems: common ground **Publisher: ACM Press** Full text available: pdf(1.26 MB) Additional Information: full citation, references, citings, index terms html(35.72 KB) Keywords: World Wide Web, hypertext, information visualization 6 Constructing, organizing, and visualizing collections of topically related Web Loren Terveen, Will Hill, Brian Amento March 1999 ACM Transactions on Computer-Human Interaction (TOCHI), Volume 6 Issue Publisher: ACM Press Additional Information: full citation, abstract, references, citings, index Full text available: pdf(303.62 KB) For many purposes, the Web page is too small a unit of interaction and analysis. Web sites are structured multimedia documents consisting of many pages, and users often are interested in obtaining and evaluating entire collections of topically related sites. Once such a collection is obtained, users face the challenge of exploring, comprehending and organizing the items. We report four innovations that address these user needs: (1) we replaced the Web page with the Web site Keywords: cocitation analysis, collaborative filtering, computer supported cooperative work, information visualization, social filtering, social network analysis 7 A fine grained heuristic to capture web navigation patterns José Borges, Mark Levene June 2000 ACM SIGKDD Explorations Newsletter, Volume 2 Issue 1 Publisher: ACM Press Full text available: pdf(1.05 MB) Additional Information: full citation, citings, index terms

Finding and visualizing inter-site clan graphs
Loren Terveen, Will Hill

Keywords: hypertext probabilistic grammars, navigation patterns, usage mining



January 1998 Proceedings of the SIGCHI conference on Human factors in computing systems

Publisher: ACM Press/Addison-Wesley Publishing Co.

Full text available: pdf(1.16 MB)

Additional Information: full citation, references, citings, index terms

Keywords: co-citation analysis, collaborative filtering, computer supported cooperative work, human-computer interaction, information access, information retrieval, information visualization, social filtering, social network analysis

9 50 years after "As we may think": the Brown/MIT Vannevar Bush symposium

Rosemary Simpson, Allen Renear, Elli Mylonas, Andries van Dam March 1996 **interactions**, Volume 3 Issue 2

Publisher: ACM Press

Full text available: 🔁 pdf(1.18 MB) Additional Information: full citation, references, citings, index terms

10 Improved algorithms for topic distillation in a hyperlinked environment

Krishna Bharat, Monika R. Henzinger
August 1998 Proceedings of the 21st annual international ACM SIGIR conference on
Research and development in information retrieval

Publisher: ACM Press

Full text available: pdf(1.15 MB) Additional Information: full citation, references, citings, index terms

11 An empirical evaluation of user interfaces for topic management of Web sites



Brian Amento, Will Hill, Loren Terveen, Deborah Hix, Peter Ju

May 1999 Proceedings of the SIGCHI conference on Human factors in computing systems: the CHI is the limit

Publisher: ACM Press

Full text available: pdf(2.07 MB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

Topic management is the task of gathering, evaluating, organizing, and sharing a set of web sites for a specific topic. Current web tools do not provide adequate support for this task. We created the *TopicShop* system to address this need. TopicShop includes (1) a webcrawler that discovers relevant web sites and builds site profiles, and (2) user interfaces for exploring and organizing sites. We conducted an empirical study comparing user performance with TopicShop vs. Ya ...

Keywords: computer supported cooperative work, human-computer interaction, information access, information retrieval, information visualization, social filtering

Results 1 - 11 of 11

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Scholarly articles for clustering hyperlink documents by in-link and out-link



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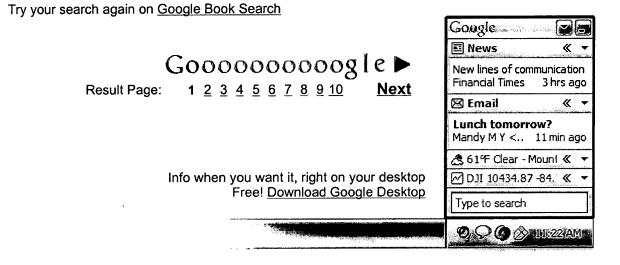
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